

Data Science and Analytics MS – Student Learning Outcomes (SLOs)

Programming, Data Org, Machine Learning, Visualization, Algorithms

Graduates will demonstrate an advanced knowledge of computer programming, data organization, data mining, data visualization, and algorithms.

SLO1

Synthesis: Practicum and Thesis

Graduates will synthesize the knowledge learned throughout the program in either a thesis or practicum setting. Specifically students will demonstrate an advanced knowledge and understanding in the core area of mathematics and statistics, including optimization, machine learning, regression, and linear algebra. They will also demonstrate advanced knowledge of computer programming, data organization, data mining, data visualization, and algorithms.

SLO3

Math, Stats, Optimization, Regression, Linear Algebra

Graduates will demonstrate an advanced knowledge and understanding in the core area of mathematics and statistics, including optimization, machine learning, regression, and linear algebra.

SLO2

